

10/579940

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Adolf Feinauer et al.

Application Number: Unassigned

Filing Date: Concurrently Herewith

Group Art Unit:

Examiner:

Title: REFRIGERATOR HOUSING

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (Form PTO/SB/08A) with patents and/or publications as delineated therein attached.

DE 196 48 305 discloses that the surround wall (11) is enclosed by a second vacuumtight outside wall (16) to form a second intermediate space (18) of smaller volume than space (13) and held at an air pressure below the ambient pressure. The space (18) between wall (16) and the surround wall (11) of the heat-insulating walling (10) should be filled with evacuable support material and is connected to an evacuable buffer space (30) vacuumtightly sealed from the outside atmosphere. The volume of spaces (18 and 30) together amount to 1-10% of the walling (10) space (13), with the volume of space (13) 20 times that of both the spaces (18,30). Preferred substance in space (18) is a getter material and the air pressure in space (18) is in a ratio of 1000:1 to that in space (13). The surround walls (11,21) are similar in contour and are spaced 1 mm from each other along the contour to form space (18), using formers as spacers.

DE 199 31 170 discloses that the invention relates to a heat-insulating wall, such as a refrigerator housing (10) or a refrigerator door (13), comprising an inner jacket layer (17) and an outer jacket layer (14), these two jacket layers (14, 15) being interconnected and surrounding an intermediate chamber (17) that can be evacuated. Heat-insulating material (18) is introduced into said intermediate chamber. Said heat insulating material (18) consists of vacuum insulated components (18) which are introduced into the evacuable intermediate chamber (17) in such a way that an evacuable residual volume (21) is formed.

EP 0 857 928 discloses that the insulating housing has housing outer wall with inner wall spaced from it, which together enclose an intermediate (15) space that can be evacuated at least across a connecting point, and which is filled with an evacuable heat insulation material, for the support of the walls surrounding the intermediate space. Within the intermediate space, a duct is provided, running at least predominantly covering surfaces when passing through, and which is connected with an evacuating connection (24) using flow engineering. At least one collection point is provided in which ducts (21) open out.

WO 01/25704 discloses that the invention relates to a refrigerating device (10) comprising a heat-insulating casing and at least one heat-insulating door (19) fastened thereto, whereby the door (19) and the casing have an outer lining (12), an inner lining (14) and a heat insulation layer (13) which is produced by foaming, is arranged therebetween, and in which vacuum insulation panels (24) are placed on the door (19) and/or on the casing (11). In prior art refrigerating devices (10), the vacuum insulation panels (24) were, for reasons concerning manufacturing techniques, placed on the casing outer linings and door outer linings (12, 21) due to the smooth-surface design of said casing outer linings and door outer linings (12, 21). This design is disadvantageous in that it comprises a relatively low degree of coverage and, as a result, relatively inefficient heat insulation. For this reason, the invention provides that the vacuum insulation panels (24) are placed on the inner linings of the doors (23) and casing (14), whereby, to this end, either coupling elements which span fissures of the inner lining (14, 23) and which enable the attachment of vacuum insulation panels (24) or, corresponding to the fissures on the inner lining (14, 23), surface deformations provided on the vacuum insulation panels (24) are disposed.

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Attorney Docket No. 2003P01766WOUS

AP2003/01/10 19 MAY 2006

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



Craig J. Loest

Registration No. 48,557

May 19, 2006

BSH Home Appliances Corp.
100 Bosch Blvd
New Bern, NC 28562
Phone: 252-672-7930
Fax: 714-845-2807
craig.loest@bshg.com

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Sheet **1** of **2**

Application Number	Unassigned
Filing Date	Concurrently Herewith
First Named Inventor	Adolf Feinauer et al
Art Unit	
Examiner Name	
Attorney Docket Number	2003P01766WOUS

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 1,898,977	02/21/1933	Daniel F. Comstock	
		US- 2002/0074916	06/20/2002	Udo Wenning	
		US- 2,617,551	11/11/1952	Cecil D. Hopkins	
		US- 6,164,030	12/26/2000	Karl Werner Dietrich	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1 335 171	08/13/2003	Fiorenzo Casoli		✓
		DE 196 48 305	05/28/1998	Udo Wenning		
		EP 0 437 930	07/24/1991	Nihat Omer Cur		✓
		EP 0 587 548	03/16/1994	Rutger Arvid Roseen		✓
		DE 199 31 170	01/11/2001	Udo Wenning		
		EP 0 860 669	08/26/1998	Masaaki Suzuki		✓

Examiner
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Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1 275 894	01/15/2003	Yasuaki Tanimoto		✓
		EP 1 338 854	08/27/2003	Gunter Grittner		✓
		EP 0 857 928	08/12/1998	Udo Wenning		
		WO 01/25704	04/12/2001	Udo Wenning		
		International Search Report PCT/EP2004/053071				✓

Examiner Signature		Date Considered	
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